

IN THE SPECIFICATION

Please amend the paragraph beginning at page 12, line 9, as follows:

The present invention concerns the ~~polypeptide~~ polynucleotide encoding the amino acid sequence of ~~the SEQ ID No: 2~~ SEQ ID NO: 3, the ~~activate~~ active fragment thereof, analog, and variant.

Please amend the paragraph beginning at page 12, line 12, as follows:

The present invention relates to the polypeptide amino acid of ~~SEQ ID No: 2~~ SEQ ID NO: 3 and the active fragment, analogue and deviant. The fragment with the same biological activity of ~~SEQ ID No: 2~~ SEQ ID NO: 3 polypeptide is a fragment with essentially conserved biological function.

Please amend the paragraph beginning at page 12, line 17, and continuing through page 13, line 8, as follows:

The CCII prepared in this invention is a recombinant protein, polypeptide or fragment, derivative, and analogue. In particular, the polypeptide fragment, variant ~~variantvariant~~, or analogue of ~~SEQ ID No: 2~~ SEQ ID NO: 3, might be: (i) a polypeptide with one or several amino acid residues replaced by conservative or non-conservative amino acid residues (a conservative amino acid residue is preferable), where the replaced amino acid residue may or may not be encoded by the genetic code. For example, the mutant or the equivalent of CCII may be obtained by inserting, replacing and/or deleting the amino acid residue. The conservative replacement is based on the similarity in terms of the equivalent charge, solubility, hydrophobicity, and/or amphipathy of the amino acid residues, as long as it maintains the activity of CCII; or (ii) a polypeptide with one or several amino acid residues

containing a substituted group; or (iii) a mature polypeptide or other functional compound, such as the polypeptide fused by compounds (for example polyethylene glycol) capable of increasing the half life of the polypeptide; or (iv) a mature polypeptide and polypeptide fusing with other amino acid sequences which render the amino acid and protein sequence helpful in purifying the mature protein. The structures helpful to purification include NTA mealty affinity ~~chromatography~~ ~~ehramography~~, such as the histidine-tryptophan module for purification on the immobilized metal; protein A structure field for purification of the immobilized immunoglobulin, and structure fields for the FLAGS extension/affiliation purification system (IMMUNEX company, Seattle, Wash.). The junction sequence specific to XA enterokinase is also helpful in the protein purification (Porath, J. et al. (1992), Prot. Exp. Purif. 3:263-281).

Please amend the paragraph beginning at page 13, line 10, as follows:

The CCII in the text of the ~~presnet~~ present invention comprises the CCII of ~~SEQ ID No.2~~ SEQ ID NO: 3, i.e., mature polypeptide, the polypeptide having at least 90% similarity to the polypeptide of SEQ ID NO: 3 ~~SEQ ID No.2~~, 90% identity is preferable), and more preferable, having ate least 95% similarity, and 95% identity is preferable. It also includes part of said polypeptide containing at least 30 amino acids, preferably having more than at least 50 amino acids.